

**AMENDMENTS TO THE ABSTRACT**

A process for coating internals in a reactor, except for the coating of electrically heatable, at least partly open-cell foams, with a catalytically active material or a precursor thereof is ~~described~~, in which an aerosol which contains, ~~as a disperse phase,~~ the catalytically active material or the precursor thereof as a disperse phase is provided and the aerosol is passed through the reactor at a ~~velocity which is established so that the disperse phase of the aerosol is deposited on the internals in the reactor.~~ rate in the range from 0.1 to 4 m/s, which is established so that the disperse phase of the aerosol is deposited on the internals in the reactor.